




PATENT

Client-Matter No.: 66778-355

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of) Confirmation No.:	1577
Luecke and Prosise)	
) Art Unit No.:	1646
Serial No.: 10/663,347)	
) Examiner: Not Yet Assigned	
Filed: September 15, 2003)	CERTIFICATE OF MAILING BY "EXPRESS MAIL"
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)	Date of deposit: February 19, 2004
FOR: CRYSTAL STRUCTURES OF <i>T.</i>)	I hereby certify that this paper or fee is being
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DEHYDROGENASE IN COMPLEX)	37 C.F.R. 1.10 on the date indicated above, and is
WITH SUBSTRATE, COFACTOR)	addressed to Commissioner For Patents, PO Box 1450,
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THEREOF)	PAUL CHOI
)	Typed name of person mailing paper or fee:
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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

COMMUNICATION REGARDING SEQUENCE LISTING

Sir:

Responsive to the Notice to File Missing Parts of Application mailed December 19, 2003, submitted herewith are paper and computer readable forms of a sequence listing. The sequence listing includes two amino acid sequences set forth in the specification as originally filed.

Pages 1 through 4 of the sequence listing submitted herewith contain sequences 1 and 2 formatted in accordance with the conventions set forth in 37 C.F.R. § 1.823.

The amino acid sequence of *T. foetus* inosine monophosphate dehydrogenase (IMPDH), either containing cysteine at residue 319 (SEQ ID NO:1) or S-hydroxycysteine at residue 319 (SEQ ID NO:2) are disclosed in the specification. Specifically,

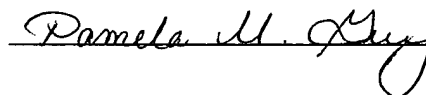
Inventors: Luecke and Prosise
Filed: September 15, 2003
Serial No.: 10/663,347
Page 2

Tables 4, 5 and 6 show the amino acid sequence of IMPDH with cysteine at residue 319 (SEQ ID NO:1), and Tables 2, 3 and 7 show the amino acid sequence of IMPDH with S-hydroxycysteine at residue 319 (SEQ ID NO:2). No new matter is introduced by these new pages as they merely represent the sequences originally set forth in the application. Accordingly, entry of the sequence listing is respectfully requested.

No fee is deemed necessary in connection with the filing of this Communication. However, if any fee is required, authorization is given to charge the amount of this fee to Deposit Account No. 502624.

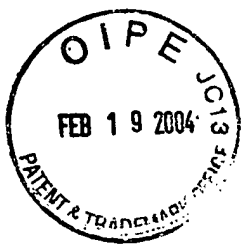
Respectfully submitted,

Date: February 19, 2004



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4370 La Jolla Village Drive, Suite 700
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PATENT

Client-Matter No.: 66778-335

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Luecke and Prosis

Serial No.: 10/663,347

Filed: September 15, 2003

FOR: CRYSTAL STRUCTURES OF T.
FOETUS INOSINE
MONOPHOSPHATE
DEHYDROGENASE IN COMPLEX
WITH SUBSTRATE, COFACTOR
AND ANALOGS AND USES
THEREOF

) Confirmation No: 1577

) Group Art Unit: 1646

) Examiner: No Yet Assigned

) CERTIFICATE OF MAILING BY "EXPRESS MAIL"

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) Paul Choi

) Typed name of person mailing paper or fee:

) (Signature Of Person Mailing Paper Or Fee)

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

STATEMENT UNDER 37 C.F.R. § 1.821(f) and (g)

I hereby state that the content of the paper and computer readable copies of the
Sequence Listing, submitted in accordance with 37 CFR § 1.821(c) and (e), respectively, are the
same.

I hereby state that the submission, filed in accordance with 37 C.F.R. § 1.821(g)
herein does not include new matter.

Respectfully submitted,

Date: February 19, 2004

Pamela M. Guy

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